

VeroPoint PLC/DDC Controller

VeroPoint is a stand-alone universal Programmable Logic Controller (PLC/DDC), especially designed to control and monitor heating, ventilation and air conditioning systems (HVAC), energy electrical systems and automation processes.

VeroPoint is the optimal solution for controlling and monitoring public buildings, hospitals, hotels and industrial systems.

VeroPoint (PLC/DDC) controller has the capability of functioning as a stand-alone control unit with internal clock. The application programs are stored in FLASH MEMORY, The calendars and the clock are backed-up by a internal battery. Built-in HMI graphics screen allows user friendly menus and to adjust the time schedules as well as easily monitoring all real-time data.

Features

- Ladder/Flow Diagram Programming.
- Ready to use programming functions.
- Universal programmable I/O points.
- Internal Clock.
- Stand-Alone Operation
- Up to 9 Extendable I/O cards.
- Compatibility with most industry HVAC sensors.
- Modern 128 x 64 graphic LCD display.
- Simple multi lingual menus.
- Built-in HMI screens.
- Simple DIN rail installation.
- Historical alarms log.
- Alarms by email.
- Data Logging Programs.
- Energy Saving Programs.

Input/Output Points

8 Digital outputs:	Dry contact 150mA max
8 Digital inputs:	Dry contact
8 Analog outputs:	0-10 VDC (200Ω)
8 Universal inputs:	0-10 VDC, 4-20mA, PT1000, Ni 1000Ω or dry contact

Extension Analog / Digital Card:

8 Digital outputs:	Dry contact 150mA max
8 Universal inputs:	0-10 VDC, 4-20mA, PT1000, Ni 1000Ω or dry contact
8 Analog outputs:	0-10 VDC (200Ω)
or Digital inputs:	Dry contact

Extension Digital Card:

16 Digital inputs:	Dry contact
16 Digital outputs:	Dry contact 150 mA max (full version only)

Technical Data

Power Requirements:	230 VAC ± 20% 60/50 Hz 11VA
Dimensions (HxWxD):	179 x 121 x 53 mm
Shipping Weight:	1.1Kg
Environmental:	
Operation Temperature:	-20 ~ +70°C
Storage Temperature:	-20 ~ +70°C
Humidity	0 ~ 95 RH% non-condensing
Front Panel Protection	IP33

Communication

RS485 port:	2 ports. Up to 115200 bauds Modbus and BACnet MSTP
Ethernet (TCP/IP):	Built-in, web browser
CAN-bus:	1 CAN-bus ports for I/O cards 1 CAN-bus port (optional)

